**Product datasheet**

**Anti-HLA A2 antibody [BB7.2] (FITC) ab27728**

**Overview**

**Product name**  
Anti-HLA A2 antibody [BB7.2] (FITC)

**Description**  
Mouse monoclonal [BB7.2] to HLA A2 (FITC)

**Host species**  
Mouse

**Conjugation**  
FITC. Ex: 493nm, Em: 528nm

**Specificity**  
Ab27728 recognises the human HLA A2 histocompatibility antigen.

**Tested applications**  
Suitable for: Flow Cyt

**Species reactivity**  
Reacts with: Human

**Immunogen**  
Papain solubilised HLA A2 (Human).

**Epitope**  
The epitope recognised by this antibody has been studied extensively and would appear to include the carboxy terminus of the alpha 2 helix and a turn on one of the underlying beta strands.

**Properties**

**Form**  
Liquid

**Storage instructions**  
Shipped at 4°C. Store at +4°C.

**Storage buffer**  
Preservative: 0.09% Sodium Azide.  
Constituents: 1% BSA, PBS.

**Purity**  
Protein G purified

**Purification notes**  
Ab27728 was purified from tissue culture supernatant, and prepared by affinity chromatography.

**Clonality**  
Monoclonal

**Clone number**  
BB7.2

**Myeloma**  
NS1

**Isotype**  
IgG2b

**Applications**

Our **Abpromise guarantee** covers the use of **ab27728** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
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<td>Flow Cyt</td>
<td>1/10.</td>
<td>Use 10 µl of the suggested working dilution to label 106 cells or 100µl whole blood.</td>
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ab91368 - Mouse monoclonal IgG2b, is suitable for use as an isotype control with this antibody.

**Target**

**Relevance**
Involved in the presentation of foreign antigens to the immune system. Dimer of alpha chain and a beta chain (beta-2-microglobulin). Interacts with human herpesvirus 8 MIR1 protein.

**Cellular localization**
Membrane; Single-pass type I membrane protein.

**Images**

Ab27728, undiluted or at a dilution of 1/10, staining HLA A2 in human peripheral blood monocytes by FACS.

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